

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

In item 1 of the Action mailed May 21, 2003, the statement appears: "Cancellation of claim 6 has been entered." As discussed with Examiner Harper in the above-referenced telephone conversation on or about October 21, 2003, that is an incorrect statement and, instead, claim 6 is still pending herein. Examiner Harper agreed.

Please CANCEL claims 4-6 and 8, AMEND claims 1 and 7 and ADD new claims 9-11, in accordance with the following:

1. (CURRENTLY AMENDED) A gas discharge display device that reproduces a color of each pixel of a color image by controlling light emission quantities of three kinds of cells ~~having different, respective~~ light emission colors, the device comprising:

three kinds of cells for each pixel, each emitting a respective one of said three different light emission colors, a mixed color of the light emission colors of the three kinds of cells, ~~the mixed color~~ when reproducing a white color, being set to a color defined by first chromaticity coordinates in which a deviation from a blackbody locus is generated in a chromaticity diagram; and

a filter means, located at ~~the~~ a front side of the three kinds of cells, ~~the filter~~ having spectral characteristics ~~of~~ for converting the mixed color to a color having a higher color temperature, defined by second chromaticity coordinates that ~~is~~ are closer to the blackbody locus ~~and defined by~~ than the first chromaticity coordinates and in which a negative deviation from the blackbody locus is generated.

2. (ORIGINAL) The gas discharge display device according to claim 1, wherein a first kind of cell includes a fluorescent material emitting a red light, a second kind of cell includes a fluorescent material emitting a green color, and a third kind of cell includes a fluorescent material emitting a blue color.

3. (ORIGINAL) The gas discharge display device according to claim 1, wherein the structure conditions of the three kinds of cells are systematically set to uneven conditions.

4. (CANCELED)

5. (CANCELED)

6. (CANCELED)

7. (CURRENTLY AMENDED) The gas discharge display device according to claim 1, wherein the filter has wavelength selective absorption characteristics in which a wavelength, having the a minimum transmittance in the visible wavelength range, is a value within the a range between 560 and 610 nanometers.

8. (CANCELED)

9. (NEW) A gas discharge display device that reproduces a color of each pixel of a color image by controlling respective light emission quantities of three kinds of cells having different light emission colors, the device comprising:

a discharge gas sealed in the three kinds of cells, the discharge gas containing neon as a main component;

a first fluorescent material in a first of the three kinds of cells emitting a red light;

a second fluorescent material in a second of the three kinds of cells emitting a green light;

a third fluorescent material in a third of the three kinds of cells emitting a blue light;

a filter having wavelength selective absorption characteristics in which a wavelength, having a minimum transmittance in the visible wavelength range, is a value within a range between 560 and 610 nanometers, the filter being located at a front side of the three kinds of cells;

effective areas of electrodes, for generating gas discharge in the first and third kinds of cells, each being larger than an effective area of an electrode in the second kind of cell; and

a mixed color of the light emission of the first fluorescent material, the second

fluorescent material, the third fluorescent material and the discharge gas, when reproducing a white color, being a color defined by first chromaticity coordinates in which a deviation from a blackbody locus is generated in a chromaticity diagram,

wherein the filter converts the mixed color into a color having a higher color temperature, defined by second chromaticity coordinates that are closer to the blackbody locus than the first chromaticity coordinates and in which a negative deviation from the blackbody locus is generated.

10. (NEW) A gas discharge display device that reproduces a color of each pixel of a color image by controlling respective light emission quantities of three kinds of cells having different light emission colors, the device comprising:

a discharge gas sealed in the three kinds of cells, the discharge gas containing neon as a main component;

a first fluorescent material in a first of the three kinds of cells emitting a red light;

a second fluorescent material in a second of the three kinds of cells emitting a green light;

a third fluorescent material in a third of the three kinds of cells emitting a blue light;

a filter having wavelength selective absorption characteristics in which a wavelength, having a minimum transmittance in the visible wavelength range, is a value within a range between 560 and 610 nanometers, the filter being located at a front side of the three kinds of cells;

light emission areas of the first and third fluorescent materials being larger than a light emission area of the second fluorescent material in the respective three kinds of cells; and

a mixed color of the light emission of the first fluorescent material, the second fluorescent material, the third fluorescent material and the discharge gas, when reproducing a white color, being a color defined by first chromaticity coordinates in which a deviation from a blackbody locus is generated in a chromaticity diagram,

wherein the filter converts the mixed color into a color having a higher color temperature, defined by second chromaticity coordinates that are closer to the blackbody locus than the first chromaticity coordinates and in which a negative deviation from the blackbody locus is generated.

11. (NEW) A gas discharge display device that reproduces a color of each pixel of

a color image by controlling respective light emission quantities of three kinds of cells having different light emission colors, the device comprising:

- a discharge gas sealed in the three kinds of cells, the discharge gas containing neon as a main component;

- a first fluorescent material in a first of the three kinds of cells emitting a red light;

- a second fluorescent material in a second of the three kinds of cells emitting a green light;

- a third fluorescent material in a third of the three kinds of cells emitting a blue light;

- a filter having wavelength selective absorption characteristics in which a wavelength, having a minimum transmittance in the visible wavelength range, is a value within a range between 560 and 610 nanometers, the filter being located at a front side of the three kinds of cells;

- respective dielectric layers, covering electrodes which generate gas discharges in the first and third kinds of cells, each being thinner than a dielectric layer covering an electrode which generates gas discharges in the second kind of cell; and

- a mixed color of the light emission of the first fluorescent material, the second fluorescent material, the third fluorescent material and the discharge gas, when reproducing a white color, being a color defined by first chromaticity coordinates in which a deviation from a blackbody locus is generated in a chromaticity diagram,

- wherein the filter converts the mixed color into a color having a higher color temperature, defined by second chromaticity coordinates that are closer to the blackbody locus than the first chromaticity coordinates and in which a negative deviation from the blackbody locus is generated.